

MSRS - Network Architecture Review and Redesign Questions

1. Throughout the Statement of Work there are references to security capabilities required. Is the creation of security policies and standards in scope, or would these be out of scope?

State-wide policies exist but there are no agency security policies and standards at this time. To the extent that we do have them available, we will provide them. Anything in addition to those would be out of scope.

2. The Business Project Requirements section states: "Bandwidth: MSRS requires a design that will allow for a minimum 1GB (gigabyte) throughput for all network communications." Will this standard be applicable for remote office connectivity (WAN) or LAN only?

The bandwidth requirement is for LAN only.

3. Will facilities and environmental conditions be in scope for design deliverables, specifically when dealing with the disaster recovery portion of the design?

Yes. We are not sure that there is space to implement this in any of our out state offices but the infrastructure should be in place within the design.

4. The Project Deliverables section states: "Identify the estimated cost range for the implementation (Phase 2) and the verification (Phase 3) of the recommended network redesign." Will vendor product selection or service contracting be in scope for this estimate?

No. We are looking for a ballpark figure here based upon the vendor's years of experience and knowledge of the technology. We'd like to get a number based upon the logic of: you'll need X amount of switches at a estimated cost of \$500-\$800 each; you'll need redundant firewall products at an estimated cost of \$5000 each, you'll need etc.

This information will be used to present to our Board of Directors to request money for the implementation phase.

5. Is there an incumbent firm?

There is no incumbent firm.

6. How many end-points are in your network?

Approximately 400. 100 users and 400 IP addresses

7. How many firewalls do you have/manage?
One.
8. How many internet connected systems and what are some of their roles (DMZ, Internal, external)?
All internet connections go out through the state's centralized MN-Net. In addition, there are 2 dedicated T1 lines to prior and current record keepers and also a WAN managed by OET.
9. Estimate of total infrastructure devices?
20 – 25 max. This includes routers, switches, firewall and gateways.
10. Approximate number of MSRS locations?
Five – St. Paul (main office), Mankato, Duluth, Detroit Lakes and St. Cloud.